PageScope™ Administrator's Guide

1800675-001A

Welcome

PageScope is utility software that provides central control over printers, copiers, and other devices on a network. With PageScope, you can use a Web browser to check the current status of each device on the network, and to change the configuration of the network and printer. PageScope uses SNMP protocol, which is the standard for network management. This means it can be used for management of a wide range of devices, including printers and copiers, as well as other makes of network printers and other devices that support standard Printer-MIB. PageScope is implemented based on Java 2 technologies, enabling functions and operations that are equivalent to those found on a most platforms that support Java.

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1 System Requirements

The minimum system configuration detailed below is required to run PageScope.

Network Environment

LAN Type	Protocol
Ethernet (10/100BaseT)	TCP/IP
Token Ring (4/16 Mbps)	

Server

Operating System	Hardware (Recommended)
Windows 95/98/Me/2000/ NT 4.0 (Intel) Service Pack 3 or higher	CPU: Pentium 200 MHz or higher RAM: 64MB minimum
Solaris 2.5.1/2.6/7	SPARC Station RAM: 128MB minimum
Linux (x86, glibc 2.1)	CPU: Pentium 200 MHz or higher RAM: 64MB minimum

Note

- The Windows version of PageScope includes a NetWare Setup function. To use NetWare Setup, you must have NetWare Client 32 installed on the system running the PageScope server.

Client

Java Mode

Operating System	Web Browser	Java Environment
Windows 95/98/Me/2000/ NT 4.0 (Intel) Service Pack 3 or higher	Microsoft Internet Explorer 4.x or higher Netscape Navigator 4.x or higher	Java Plug-in 1.2 or higher (Java Plug-in 1.3 recommended)
Solaris 2.5.1/2.6/7	Netscape Navigator 4.x or higher	
Linux (x86, glibc 2.1)		

HTML Mode

Operating System	Web Browser
Windows 95/98/Me/2000/ NT 4.0 (Intel) Service Pack 3 or higher	Microsoft Internet Explorer 4.x or higher Netscape Navigator 4.x or higher
Solaris 2.5.1/2.6/7	Netscape Navigator 4.x or higher
Linux (x86, glibc 2.1)	
MacOS	Microsoft Internet Explorer 4.5 or higher Netscape Navigator 4.x or higher

2 Installing and Starting Up the Server

2.1 Installing the Server

Windows 95/98/Me/2000/NT 4.0 Platform

1. Open the PageScope self-extracting archive. This automatically starts the installer.
2. Follow the instructions that appear on the screen to complete the installation.

Solaris Platform

Note

- PageScope server starts up as a daemon process, so we recommend that you install the package in the root partition.
- Perform the following operation under root privileges.

1. Extract the PageScope tar archive, which was compressed with gzip, into the directory you want. This creates a directory named **PageScope**.
2. Execute the **install.sh** script, which is located in the **PageScope** directory.

Linux Platform

Note

- PageScope server starts up as a daemon process, so we recommend that you install the package in the root partition.
- Perform the following operation under root privileges.

1. Extract the PageScope tar archive, which was compressed with gzip, into the directory you want. This creates a directory named **PageScope**.
2. Execute the **install.sh** script, which is located in the **PageScope** directory. In the case of SuSE Linux, execute the **install.suse.sh** script, which is located in the **PageScope** directory.

2.2 Upgrading PageScope

For Windows Platform and Solaris Platform

- Upgrading from PageScope 2.1 and subsequent versions under Windows 95/98/Me/2000/NT 4.0 or Solaris performs an overwrite install, leaving device status data and logs intact.
- When upgrading from PageScope 2.0 or lower versions, you must uninstall your old version of PageScope and delete the **PageScope** folder, and then install the new version. In this case, the existing PageScope server database cannot be used as the new installation. For a new installation under Windows 95/98/Me/2000/NT 4.0, the **PageScope** folder is created inside the **Program Files** folder by default. In the case of Solaris, the **PageScope** folder is created in the location where the PageScope tar archive is extracted.

For Linux Platform

- When upgrading from PageScope 3.0 and subsequent versions under Linux, upgrading is performed by overwriting the older version with the new one, leaving device status data and logs intact.
- PageScope 2.1 and previous versions are not compatible with PageScope 3.0 and subsequent versions due to differences in glibc versions.

Important!

- Make sure the PageScope server is shut down (not running) before you try to upgrade it. See *2.4 Shutting Down the Server* for more information.

Windows 95/98/Me/2000/NT 4.0 Platform

1. Run the PageScope installer, and follow the instructions that appear on the screen to perform the upgrade.
2. Some time during the upgrade procedure a confirmation dialog box will appear asking if you really want to rewrite your existing version of PageScope with the new one. Click the **Yes** button to proceed with the upgrade.

Solaris Platform

Note

- Perform the following operation under root privileges.

1. Execute the command below to shut down the PageScope server.

```
# /etc/init.d/pagescope stop
```

2. Run the **uninstall.sh** script, which is located in the **PageScope** directory, to uninstall the old version of PageScope.
3. Extract the tar archive for the new version of PageScope into the same directory where the previous version is located.
4. Execute the **install.sh** script and install the new version of **PageScope**.

Linux Platform

Note

- Perform the following operation under root privileges.

1. Execute the command below to shut down the PageScope server.

```
# /etc/rc.d/init.d/pagescope stop
```

2. Execute the **uninstall.sh** script, which is located in the **PageScope** directory, to uninstall the old version of PageScope.
3. Extract the tar archive for the new version of PageScope into the same directory where the previous version is located.
4. Execute the **install.sh** script and install the new version of PageScope. (In the case of SuSE Linux, execute the **install.suse.sh** script.)

2.3 Starting Up the Server

Windows 95/98/Me Platform

Click **Start** → **Programs** → **Minolta PageScope** → **Start Server**. Note that when installing PageScope, you can configure the PageScope server to start up automatically whenever the system is booted.

Windows NT 4.0/2000 Platform

1. Click **Start** → **Settings** → **Control Panel**.
2. Double-click the **Services** icon. In the case of Windows 2000, the **Services** icon is located inside the **Administrative Tools** folder.
3. Select **Minolta PageScope Service** from the list of services, and then click the **Start** button. In the case of Windows 2000, select **Minolta PageScope Service,** and then select **Start** on the **Action** menu.

Solaris Platform

Note

- Perform the following operation under root privileges.

PageScope starts up automatically after you install it. You can use the following command to start it up manually when necessary.

```
# /etc/init.d/pagescope start
```

Execute the following command when PageScope is already running, and you want to momentarily shut it down and restart it.

```
# /etc/init.d/pagescope restart
```

Linux Platform

Note

- Perform the following operation under root privileges.

PageScope starts up automatically after you install it. You can use the following command to start it up manually when necessary.

```
# /etc/rc.d/init.d/pagescope start
```

Execute the following command when PageScope is already running, and you want to momentarily shut it down and restart it.

```
# /etc/rc.d/init.d/pagescope restart
```

2.4 Shutting Down the Server

Windows95/98/Me Platform

1. Click **Start** → **Programs** → **Minolta PageScope** → **Stop Server**.
2. In response to the Web browser confirmation screen that appears, click the **Shut Down** button.

You can also shut down the server by clicking the **PageScope** icon in the task tray, and then clicking the **Yes** button on the confirmation dialog box that appears.

Windows NT 4.0/2000 Platform

1. Click **Start** → **Settings** → **Control Panel**.
2. Double-click the **Services** icon. In the case of Windows 2000, the **Services** icon is located inside the **Administrative Tools** folder.
3. Select **Minolta PageScope** Service from the list of services, and then click the **Stop** button. In the Case of Windows 2000, select **Minolta PageScope Service**, and then select **Stop** on the **Action** menu.
4. In the case of Windows NT 4.0, click **Yes** on the confirmation dialog box that appears.

Solaris Platform

Note

- Perform the following operation under root privileges.

Execute the command shown below.

```
# /etc/init.d/pagescope stop
```

Linux Platform

Note

- Perform the following operation under root privileges.

Execute the command shown below.

```
# /etc/rc.d/init.d/pagescope stop
```

2.5 Uninstalling the Server

Important!

- Make sure the PageScope server is shut down (not running) before you try to uninstall it. See *2.4 Shutting Down the Server* for more information.

Windows 95/98/Me/2000/NT 4.0 Platform

1. Click **Start** → **Settings** → **Control Panel**.
2. Double-click the **Add/Remove Programs** icon.
3. On the **Add/Remove Programs Properties** dialog box, select **Minolta PageScope** in the list of programs, and then click the **Add/Remove** button (Windows 95/98/Me/NT 4.0) or the **Change/Remove** button (Windows 2000).
4. Follow the instructions that appear on the screen to complete the uninstall procedure.

Solaris Platform

Note

- Perform the following operation under root privileges.

1. Execute the command below to shut down the PageScope server.

```
# /etc/init.d/pagescope stop
```

2. Run the **uninstall.sh** script, which is located in the **PageScope** directory.

Linux Platform

Note

- Perform the following operation under root privileges.

1. Execute the command below to shut down the PageScope server.

```
# /etc/rc.d/init.d/pagescope stop
```

2. Run the **uninstall.sh** script, which is located in the **PageScope** directory.

3 Using PageScope Client

3.1 Starting Up Client

Start up your Web browser and access the URL shown below.

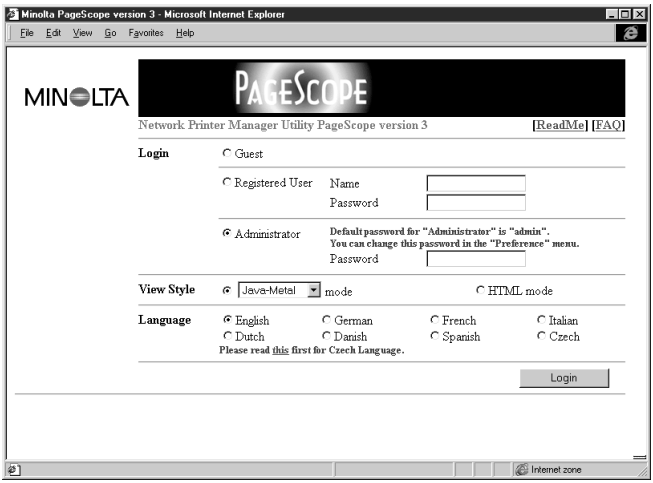
`http://server_name:9090/`

In place of *server_name* in the above URL, type in the name or IP address of the host that is running the PageScope server.

Example: When the IP address of the PageScope server is 192.9.200.200

`http://192.9.200.200:9090/`

This accesses the PageScope server and displays the PageScope login screen.



3.2 Logging Into PageScope

1. In the **Login** section, select the appropriate login privileges.

   - **Administrator** While logged in as Administrator, you can manage and change the configuration of network devices and the PageScope server. You must be able to input the proper administrator password to log in as Administrator. The initial default administrator password is **admin**.
   - **Registered User** You can manage and change the configuration of network devices, but you cannot change PageScope server settings while logged in as Registered User. Each registered user has a pre-defined name and password, which the user must input in order to log in.
   - **Guest** Guest can view the status and settings of each device. Input of a password is not required when logging in as Guest.

2. In the **View Style** section, select the style you want to use for the PageScope screen. Select either Java mode or HTML mode. If you select the Java mode, you can also select an appearance option from among the following.

   - **Java-Metal**
   - **Java-Motif**
   - **Java-System**

Note

- The HTML version is recommended for faster performance on low-end servers.

Note

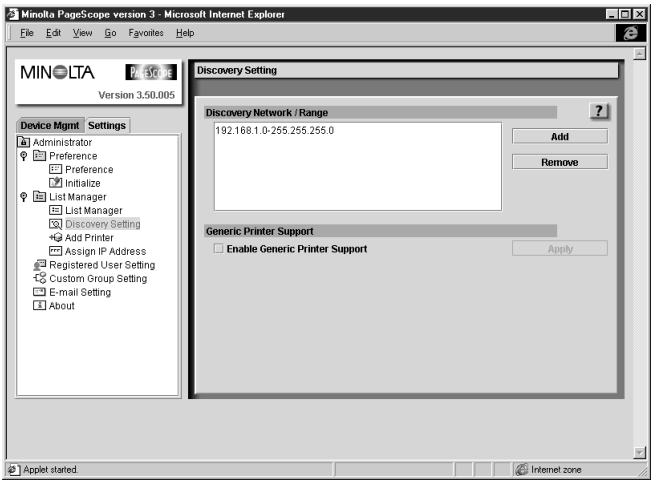
Logging in while in the Java mode on a client where the Java plug-in is not installed displays a message asking if you want to install the Java Plug-in. What happens after you agree depends on the browser you are using, as described below.

- Internet Explorer: The Java plug-in is downloaded automatically from the Internet.
- Netscape Navigator: Your browser automatically accesses an Internet site where the Java plug-in is available for download. You must perform the required operation to and download it manually.

3. In the Language section, select the language you want to use for PageScope text. You can choose from among the following languages.
   - **English**
   - **German**
   - **French**
   - **Italian**
   - **Dutch**
   - **Danish**
   - **Spanish**
   - **Czech**
4. After all the settings are the way you want, click the **Login** button.

3.3 Specifying the Search Range

You can use the following procedure to search for a specific device on the network.



1. Log into PageScope as Administrator. See *3.2 Logging Into PageScope*.
2. Click the **Settings** tab on the left side of the window.
3. In the tree of setting items that appears, select **Discovery Setting**. Double-click if you are using the Java mode, single-click when using the HTML mode. This causes the **Discovery Setting** screen to appear on the right side of the window.
   If you are using the Java mode and the icon you want does not appear on the screen, double-click the **Administrator** → **List Manager** → **Discovery Setting** icons to open up the tree.
4. The **Discovery Network/Range** list shows the local network associated with the PageScope server. Whenever PageScope starts up, it automatically adds the local network associated with the server to the search range list. If network discovery fails for some reason or if you want to add other networks, click the **Add** button.

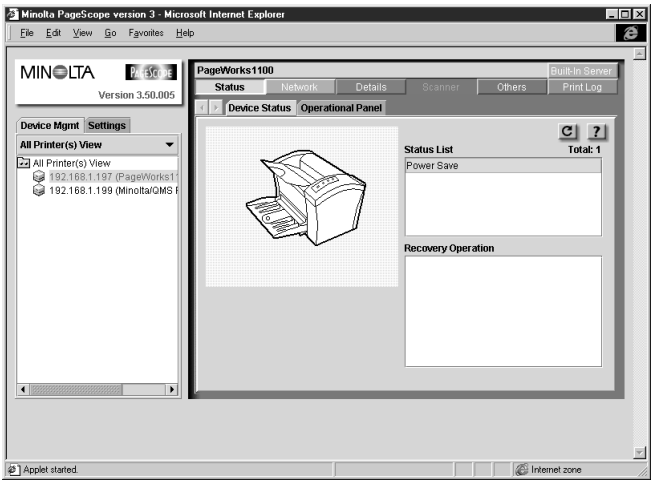
Note

- The local network may not be discovered when PageScope is started up while an SNMP agent is operating on the server where PageScope is installed. If this happens, disable the SNMP agent or add the local network manually to the search range.

5. If you input a network address and subnet mask, PageScope automatically calculates and displays the appropriate search IP address range. After everything is the way you want, click the **Apply** button.
6. To remove a network from the **Discovery Network/Range** list, select it in the list and then click the **Remove** button. In response to the confirmation dialog box that appears, click **OK**.
7. If you also want the search to find non-Minolta RFC-1759 Printer-MIB compatible devices, put a checkmark inside the box next to the **Enable Generic Printer Support** option in the **Generic Printer Support** section. Then click the **Apply** button.

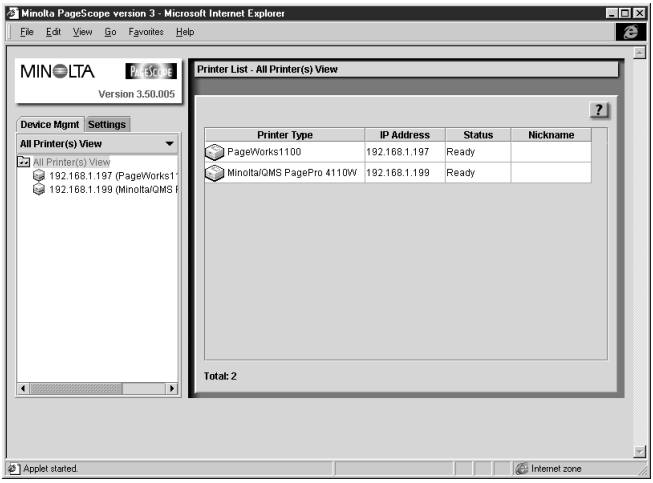
4 Device Management

Use the procedures in this section to manage and configure devices on the network. Note that the appearance of the screen for device management and configuration depends on the type of device. See *PageScope online help* for details about device management and setting functions.



4.1 Displaying the Device Management and Configuration Screen

1. Click the **Device Mgmt** tab on the left side of the window. This causes a list of available devices to appear on the left side of the window.



2. You can change the view of using the menu at the top of the list. If you are using the HTML mode, you need to select the view in the menu (denoted by the ▼), and then click the **Select** button.

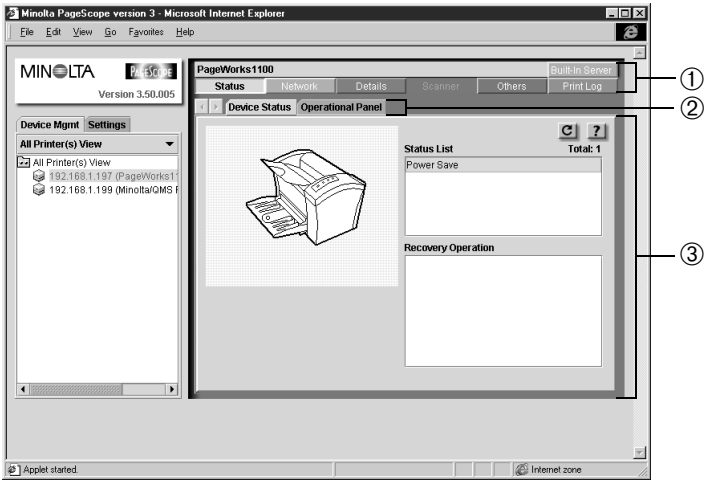
   - **All Printers View** Shows all available devices that can be controlled by PageScope.
   - **Subnet View** Shows devices for each network address.
   - **Maker View** Shows devices for each device manufacturer.

- **Custom Group View (Administrator and Registered User only)**
  Shows devices for each custom group. See *5.9 Configuring a Custom Group* for more information.
  You can use Multi-Setting to change the settings of multiple devices within the same custom group with a single operation. See *4.4 Using Multi-Setting* for more information.
- **My Printers View (Registered User Only)**
  Shows the devices configured as My Printers for the current registered user. See *5.12 Configuring My Printers Settings* for more information.

3. Select the printer you want from the list. Double-click if you are using the Java mode, single-click when using the HTML mode. This displays a device management and configuration screen on the right side of the window.

4.2 Screen Layout

The following shows the layout of the screen used for device management and configuration.



① **Buttons**

Click these buttons to select the available categories of device management and configuration functions. Clicking a button displays tabs for the functions associated with the applicable category in the area below the buttons. See *4.3 Functions* for information about the function of each button.

② **Tabs**

The tabs provide sub-groupings of the functions that belong to the category selected with the category buttons. The appearance and function of each tab depends on the device type.

③ **Information and Configuration Area**

This area shows details about the currently selected tab.

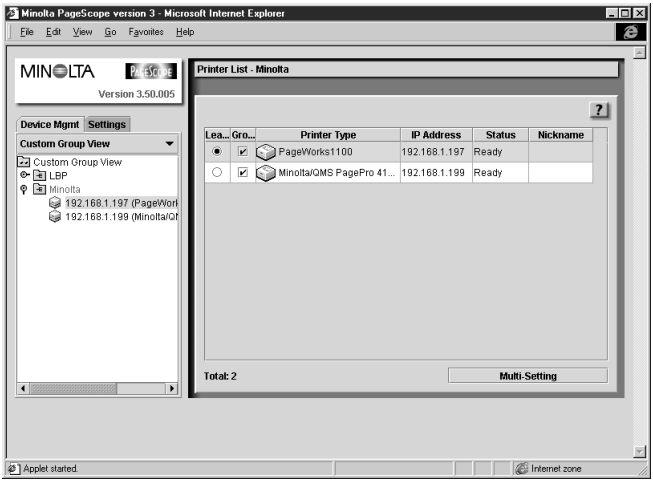
4.3 Functions

The following are the functions of the buttons that appear on the device management and configuration screen.

Status	Displays a graphical representation showing device status and the types of options equipped.
Network	Displays tabs for configuring device network settings.
Details	Displays tabs for making detailed device configuration settings and printing settings.
Scanner	Displays the status and settings of a scanner device.
Others	Displays tabs for other settings.
Print Log	Displays print and error count values. These values represent counts for up to the past one year.
Built-in Server	Opens a new Web browser window and accesses the device-resident Web configuration page.

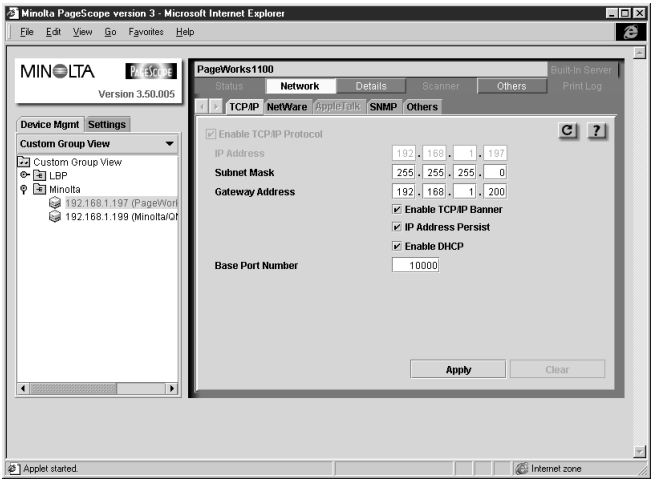
4.4 Using Multi-Setting

Multi-Setting provides a central location from which you can change the configuration of multiple devices that are in the same custom group. The procedure for using Multi-Setting is described below.



1. Log in as Administrator or as Register User.
2. Click the **Device Mgmt** tab on the left side of the window, and then use the menu below the tabs to select **Custom Group View**. This displays list of custom groups.
3. Select the group you want from the list. Double-click if you are using the Java mode, single-click when using the HTML mode. This causes a list of devices that belong to the selected group to appear on the right side of the window.
4. In the device list, select that device that you want to use as the basis for the Multi-Setting operation, and then click the **Leader** option button next to the device to make it the “leader device.” The leader device is the one whose leader button is black. If you are using the HTML mode, you should click the **Leader** option button next to the device and then click the **Select** button above the **Leader** column.

5. At this time, a check mark is automatically placed inside the **Group** check boxes next to all devices with settings that can be changed in parallel with the leader device. If you do not want Multi-Setting to change the configuration of a device whose **Group** check box is checked, click the check box to remove the check mark. To change a leader device in the HTML mode, you can click the **Printer List** button to return to the leader device selection screen.
6. Click the **Multi-Setting** button to display the configuration screen of the leader device. Now, any changes you make to the configuration of the leader device applies the same changes to the configurations of the devices whose **Group** check boxes were checked in the previous step. At this time, you cannot change any settings that must be made on a device-by-device basis (such as the network address). To change the configuration of a single device without using Multi-Setting, select the device in the list without clicking the **Multi-Setting** button.



5 Configuring PageScope

Clicking the **Settings** tab on the left side of the window displays a PageScope setup screen. Use the procedures described below to display setup screens for a specific item by selecting the item in the directory tree. Note that the types of items you can access depend on whether you are logged in as Administrator or a Registered User. You cannot change PageScope settings when logged in as Guest. See *PageScope online help* for details about each of the settings.

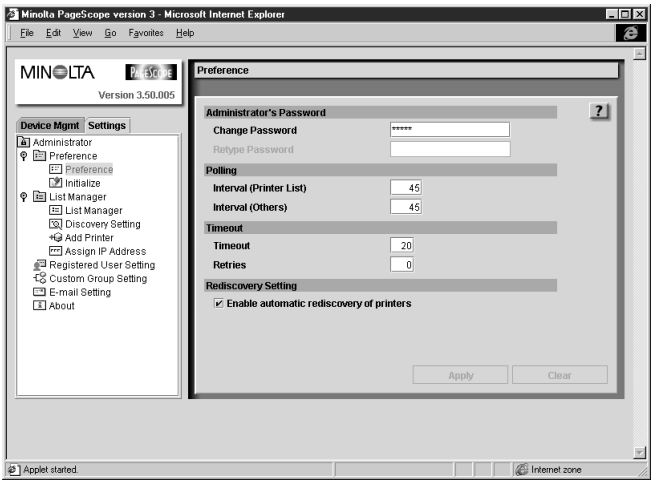
5.1 PageScope Preferences

Use the Administrator's **Preference** screen to specify the administrator password, and to configure how PageScope communicates with the devices on the network.

Displaying the Setup Screen

- **Log in as Administrator:**

  Administrator → Preference → Preference



To Configure PageScope Preferences

1. Input data for the following items to change their settings as required.

   Change Password Input a new password when you want to change the existing password.

   Retype Password Re-input the new password to confirm it.

   Interval (Printer List)
   Type in the update interval, in seconds, for information about devices displayed in the device list. (10 to 999 seconds)

   Interval (Others) Input the interval in seconds between a change in device status and updating of the control panel. (10 to 999 seconds)

   Timeout Input the time in seconds that should be allowed until the PageScope server obtains information from a device following a device information request when there is an update in device information displayed in the device list. (0 to 99 seconds)

   Retries Input the number of retries when an attempt to obtain information from a device fails. (0 to 99 times)

   Enable automatic rediscovery of printers
   Put a check into the check box next to this item to enable automatic rediscovery of devices on the network. When this option is enabled, device rediscovery is performed automatically every eight hours.

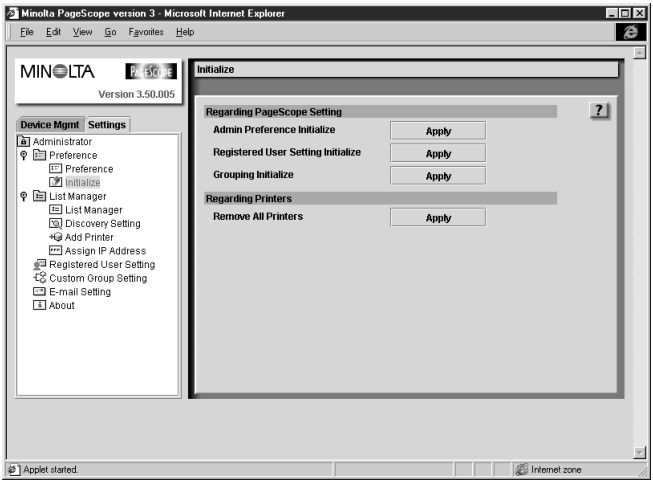
2. After everything is the way you want, click the **Apply** button. To clear all settings you have made on the setup screen, click the **Clear** button instead of **Apply**.

5.2 Initializing the PageScope Configuration

Use the **Initialize** screen to return Administrator and Registered User settings of the PageScope server to their initial defaults.

Displaying the Setup Screen

- **Log in as Administrator:**
  Administrator → Preference → Initialize



To Initialize the PageScope Configuration

1. Click the **Apply** button next to any of the items listed below to initialize it.

   Admin Preference Initialize

   Returns **Preference** screen settings made by the administrator to their initial defaults. See *5.1 PageScope Preferences*.

Registered User Setting Initialize

Deletes all user data registered on the **Registered User Setting** screen. See *5.8 Registering and Unregistering Users*.

Grouping Initialize

Deletes all groups configured on the **Custom Group Setting** screen. See *5.9 Configuring a Custom Group*.

Remove All Printers

Deletes all device data entered in the list on the **List Manager** screen. See *5.3 Selecting a Device for Management*.

2. If you are using the Java mode, a confirmation dialog appears. Click **OK** to perform initialization. The confirmation dialog box does not appear in the HTML mode.

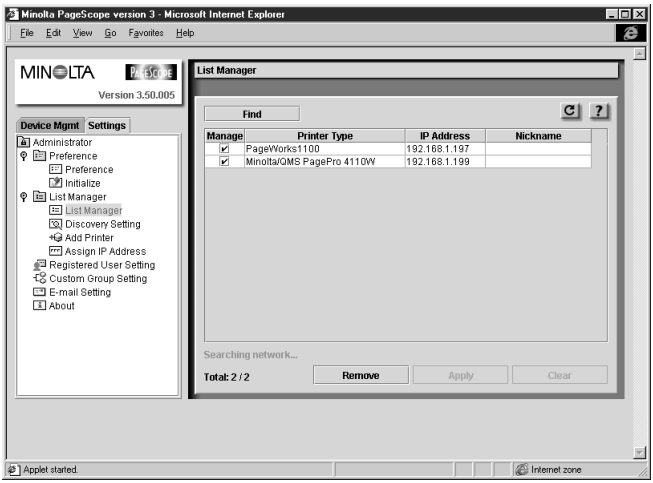
5.3 Selecting a Device for Management

Use the **List Manager** screen to select a specific device from among those found on the network. Only the devices you specify here appear in the device list on the **Device Mgmt** tab.

Displaying the Setup Screen

- **Log in as Administrator:**

  Administrator → List Manager → List Manager



To Select a Device for Management

1. Display the devices discovered on the network. Click the button to refresh information about devices that are already on the list. To rediscover devices on the network, click the **Find** button. Clicking the **Find** button while device auto discovery is in progress causes network discovery to restart from the beginning.
2. All discovered devices are initially selected for management. To deselect a device for management, remove the check mark from the **Manage** check box next to the device.
3. After everything is the way you want, click the **Apply** button. To

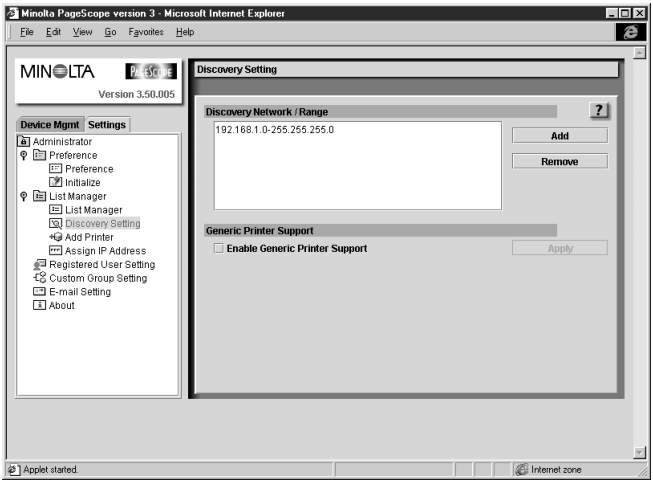
clear your changes, click the **Clear** button instead of **Apply**.

5.4 Specifying the Search Range

Use the **Discovery Setting** screen to specify the network range for device searches.

Displaying the Setup Screen

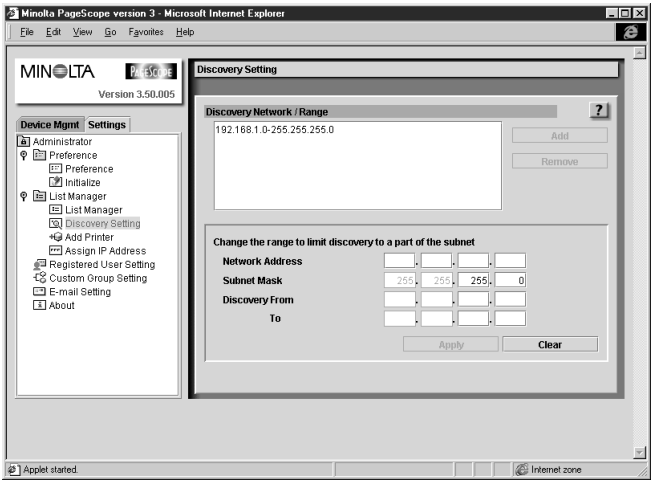
- **Log in as Administrator:**
  Administrator → List Manager → Discover Setting



To Add a Network to the Search Range

Java Mode

1. Click the **Add** button. Network setting items are listed under the **Discovery Network/Range** list.



2. Type the IP address of the network you want to add into the **Network Address** box.
3. Type the subnet mask value of the network you want to add into the **Subnet Mask** box.
4. Clicking the **Discovery From** box automatically calculates the host address search range from the network address and subnet mask value you input in the previous step, and displays the search start point in the **Discovery From** box and the end address in the **To** box.
5. If you want to change the host address search range, input the addresses you want into the **Discovery From** and the **To** boxes.
6. After everything is the way you want, click the **Apply** button. To clear all settings you have made on the setup screen, click the **Clear** button instead of **Apply**.

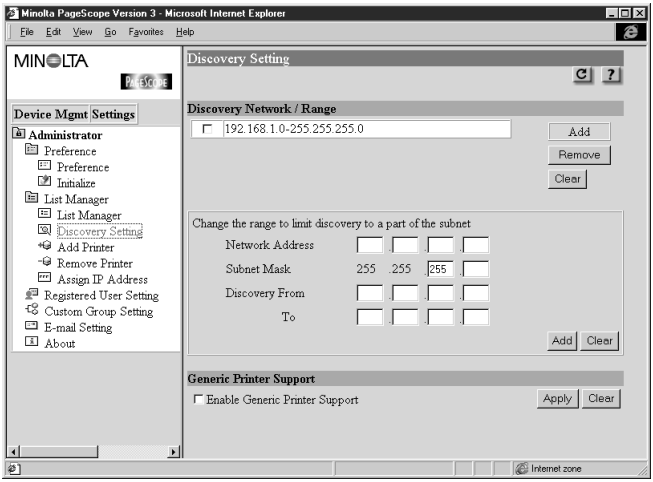
7. If you also want the search to find non-Minolta RFC-1759 Printer-MIB compatible devices, put a checkmark inside the box next to the **Enable Generic Printer Support** option, and then click the **Apply** button.

HTML Mode

1. Input setting values into the network setting items under the **Discovery Network/Range** list. If you cannot find the network setting item you want, click the **Add** button next to the **Discovery Network/Range** list to display setting items.

   Network Address
   Type in the IP address of the network you want to add.

   Subnet Mask Type in the subnet mask value of the network you want to add.



2. If you want to change the host address search range, input the start address into the **Discovery From** box, and the end address into the **To** box. If you do not input anything into the **Discovery From** or **To** boxes, clicking the **Add** button in the next step causes the host search range to be set automatically.

3. Click the **Add** button next to the network setting item. To clear all settings you have made on the setup screen, click the **Clear** button in place of **Add**.
4. If you also want the search to find non-Minolta RFC-1759 Printer-MIB compatible devices, put a checkmark inside the box next to the **Enable Generic Printer Support** option, and then click the **Apply** button. To clear the check mark, click the **Clear** button instead of **Apply**.

To Remove a Network from the Search Range

Java Mode

1. In the **Discovery Network/Range** list, click the network you want to remove from the search range and then click the **Remove** button. This causes a confirmation dialog box to appear.
2. Click the **OK** button to remove the selected network from the list.

HTML Mode

1. In the **Discovery Network/Range** list, put a check into the check box next to the networks you want to remove from the search range.
2. Click the **Remove** button. To clear the check mark, click the **Clear** button instead of **Remove**.

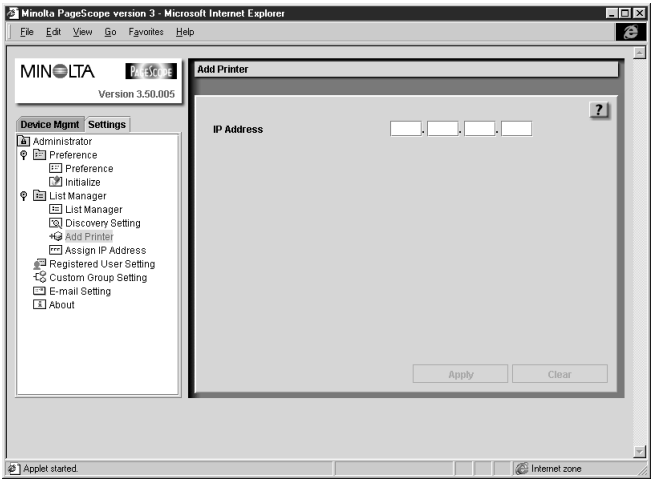
5.5 Adding a Device to List Manager

Use the **Add Printer** screen to add the IP address of a device to **List Manager** when the device is not found by clicking the **Find** button on the screen described in *5.3 Selecting a Device for Management* above.

Displaying the Setup Screen

- **Log in as Administrator:**

  Administrator → List Manager → Add Printer



To Add a Device to List Manager

1. Type the IP address of the device you want to add into the **IP Address** box.
2. After everything is the way you want, click the **Apply** button. To clear all settings you have made on the setup screen, click the **Clear** button instead of **Apply**.

Note

- It takes some time after you click the **Apply** button until the device is added. Wait until the procedure ends.

5.6 Removing a Device from List Manager

In the Java mode, you can use the **List Manager** screen to remove a device found on the network from the PageScope database when you no longer need it.

In the HTML mode, use the **Remove Printer** screen to remove a device from **List Manager**.

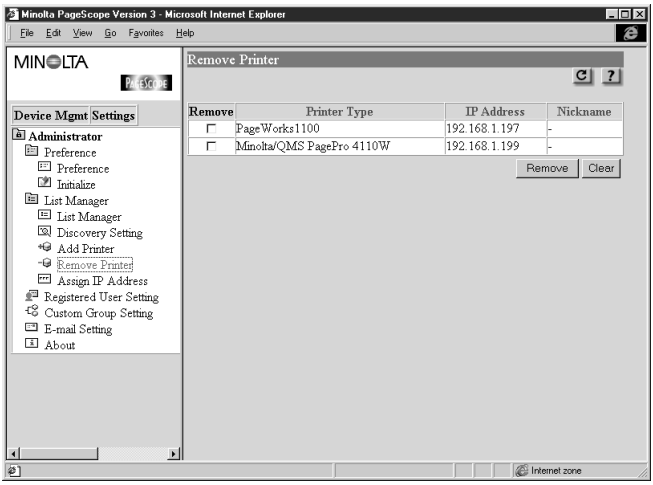
Displaying the Setup Screen

Java Mode

- **Log in as Administrator:**
  Administrator → List Manager → List Manager

HTML Mode

- **Log in as Administrator:**
  Administrator → List Manager → Remove Printer



To Remove a Device from List Manager

Java Mode

1. On the **List Manager** screen, click the device you want to remove.
2. Click the **Remove** button.

HTML Mode

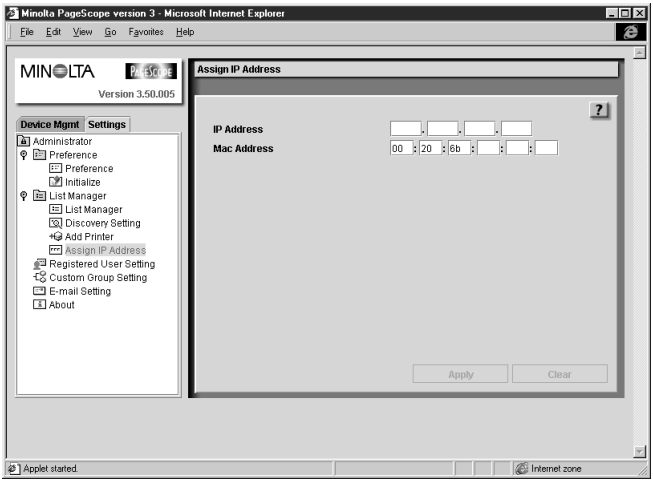
1. On the **Remove Printer** screen, put check marks into the **Remove** check boxes next to the devices you want to remove.
2. Click the **Remove** button. To clear the check mark, click the **Clear** button instead of **Remove**.

5.7 Assigning an IP Address to a Device

Use the **Assign IP Address** screen to assign an IP address to a device. Note that you must have the MAC address of the device network interface on hand when assigning the IP address.

Displaying the Setup Screen

- **Log in as Administrator:**
  Administrator → List Manager → Assign IP Address
- **Log in as Registered User:**
  Registered User → Assign IP Address



To Assign an IP Address to a Device

1. Type the IP address you want to assign to the device into the **IP Address** box.
2. Type the MAC address of the device network interface into the **MAC Address** box.
3. After everything is the way you want, click the **Apply** button. To clear all settings you have made on the setup screen, click the **Clear** button instead of **Apply**.

Note

- It takes some time after you click the **Apply** button until the IP address is assigned to the device. In the Java mode, setting results appear in a dialog box that appears. In the HTML mode, wait until the procedure ends.

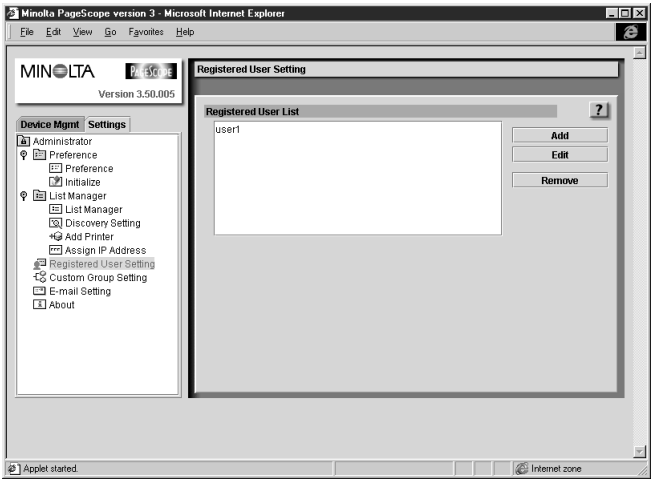
5.8 Registering and Unregistering Users

Use the **Registered User Setting** screen to register users on and unregister users from the PageScope server. You can also specify passwords and e-mail addresses for registered users.

Displaying the Setup Screen

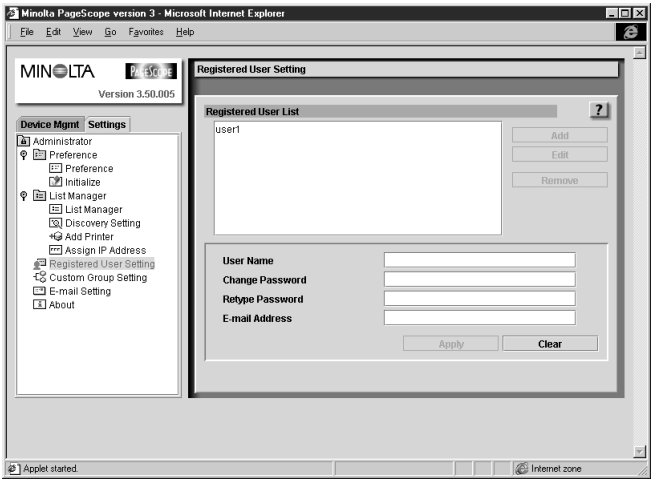
- **Log in as Administrator:**

  Administrator → Registered User Setting



To Register a User

1. Click the **Add** button. This displays a new user setting items under the registered user list.



2. Input settings for the items described below.

   User Name Input the user name.

   Change Password Input the user password.

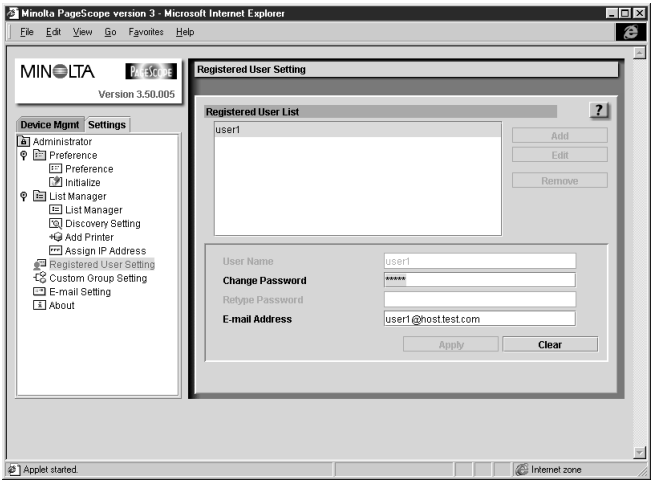
   Retype Password Re-input the password to confirm it.

   E-mail Address Input the user e-mail address.

3. After everything is the way you want, click the **Apply** button. To clear all settings you have made on the setup screen, click the **Clear** button instead of **Apply**.

To Change User Setup Parameters

1. In the Java mode, click the user whose setup parameters you want to change in the registered user list. In the HTML mode, click the **Select** option button next to the user whose setup parameters you want to change.
2. Click the **Edit** button. This causes the setup parameters for the selected user to appear under the list.



3. Make the changes you want to the setup parameters. See *To Register a User* for information about user parameter setup items.
4. After everything is the way you want, click the **Apply** button. To clear your changes, click the **Clear** button instead of **Apply**.

To Delete a User

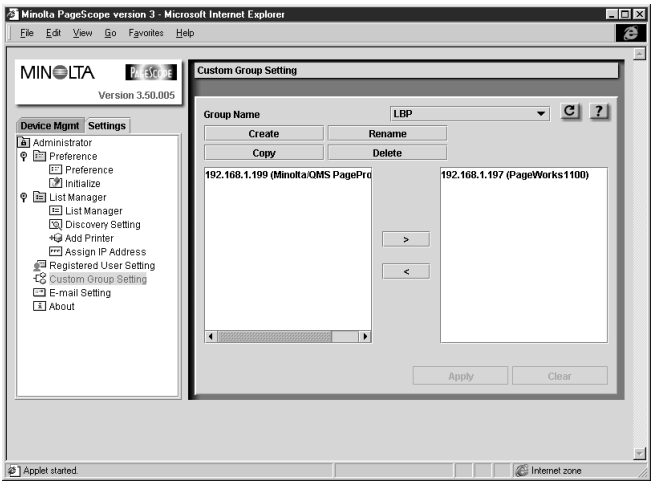
1. In the Java mode, click the user you want to delete in the registered user list. In the HTML mode, click the **Select** option button next to the user you want to delete.
2. Click the **Remove** button.
3. If you are using the Java mode, a confirmation dialog appears. Click **OK** to delete the selected user. The confirmation dialog box does not appear in the HTML mode.

5.9 Configuring a Custom Group

Use the **Custom Group Setting** screen to create custom groups of devices for management. You can also use Multi-Setting to apply common settings to specific groups. See *4.4 Using Multi-Setting* for more information.

Displaying the Setup Screen

- **Log in as Administrator:**
  Administrator → Custom Group Setting
- **Log in as Registered User:**
  Registered User → Custom Group Setting



To Create a Group

Java Mode

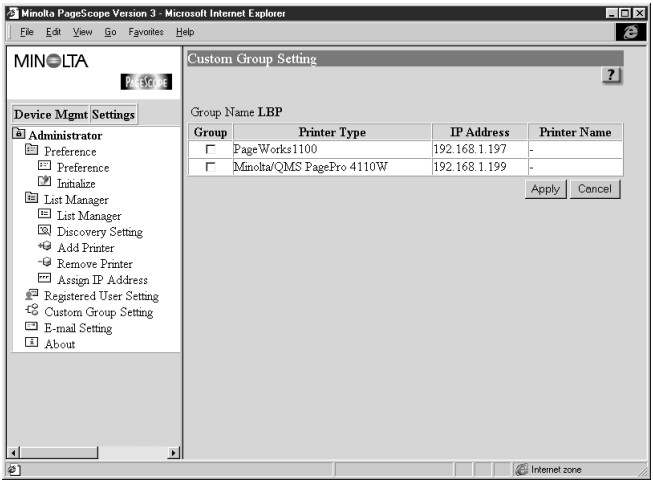
1. Click the **Create** button. This displays the **New Group Name** dialog box.
2. Type in a name for the new group, and then click the **OK** button.
3. In the list on the left (the list of available devices), select the device you want to add to the group and then click the **>** button. This moves the selected device to the list on the right (the list of devices to be added to the group).
4. To remove a device from the group, select the device in the list on the right and then click the **<** button. This moves the selected device to the list on the left.
5. To create more groups, repeat steps 1 through 4.
6. After everything is the way you want, click the **Apply** button. To clear all settings you have made on the setup screen, click the **Clear** button instead of **Apply**.
7. To add or remove devices to other groups, select the group you want from the **Group Name** menu on the **Custom Group Setting** screen, and then perform steps 3 through 6 above.

Important!

- Removing all devices from a group causes that group to be deleted automatically.

HTML Mode

1. Type the new group name into the **Group Name** box and then click the **Add** button. This displays a list of devices that can be added to the group.



2. Put a check mark into the **Group** check boxes next to the devices you want to add to the group, and the click the **Apply** button. To clear the check mark, click the **Clear** button instead of **Apply**.
3. To remove a device from a group, uncheck its **Group** check box and then click the **Apply** button. To recheck the check boxes, click the **Cancel** button instead of **Apply**.
4. To add devices to or remove devices from other groups, select the group by clicking its **Select** option button on the **Custom Group Setting** screen, click the **Select** button, and then perform step 2 of this procedure.

To Delete a Group

Java Mode

1. On the **Group Name** menu, select the group you want to delete and then click the **Delete button**. This causes a confirmation dialog box to appear.
2. Click the **OK** button to delete the group you selected.

HTML Mode

1. Click the **Select** option button next to the groups you want to delete, and then click the **Select** button. This displays a list of devices.
2. In the device list, uncheck the **Group** check boxes next to all of the devices, and then click the **Apply** button. To clear all of the settings you have made on this screen, click the **Cancel** button instead of **Apply**. Removing all devices from a group causes that group to be deleted automatically.

To Change the Name of a Group

Java Mode

1. On the **Group Name** menu, select the group name you want to change and then click the **Rename** button. This displays the **New Group Name** dialog box.
2. Type in the new group name, and then click the **OK** button.
3. After everything is the way you want, click the **Apply** button. To clear all settings you have made on the setup screen, click the **Clear** button instead of **Apply**.

HTML Mode

To change the name of a group in the HTML mode, create a group with the same configuration as the original under a new name, and then delete the original group with the old name.

To Copy a Group Setup

Java Mode

1. On the **Group Name** menu, select the name of the group whose setup you want to copy and then click the **Copy** button. This displays the **New Group Name** dialog box.
2. Type in a new group name for the copied setup, and then click the **OK** button.

Important!

- You cannot copy a group setup to an existing group. Make sure the group name you assigned to the copy is new and unique name.

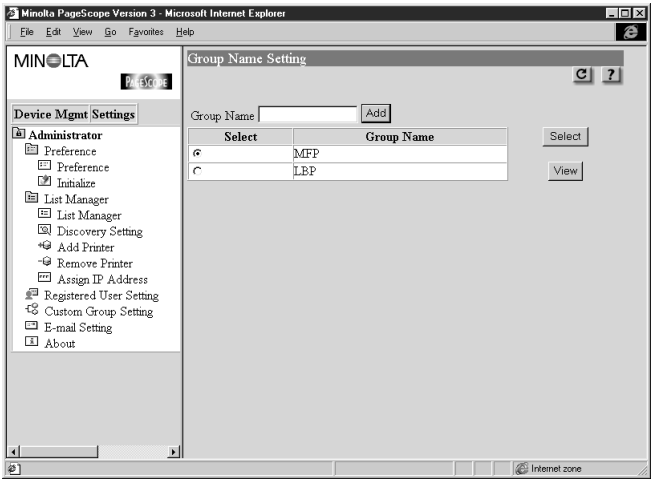
3. After everything is the way you want, click the **Apply** button. To clear all settings you have made on the setup screen, click the **Clear** button instead of **Apply**.

HTML Mode

To copy a group setup in the HTML mode, create a group with the same configuration as original group.

To View a Group Setup (HTML mode only)

1. Click the **Select** option button of the group whose setup you want to view.



2. Click the **View** button to display a device list that includes the group you selected in step 1.
3. Click the **Exit** button to return to the initial **Custom Group Setting** screen.

5.10 Configuring E-mail Settings

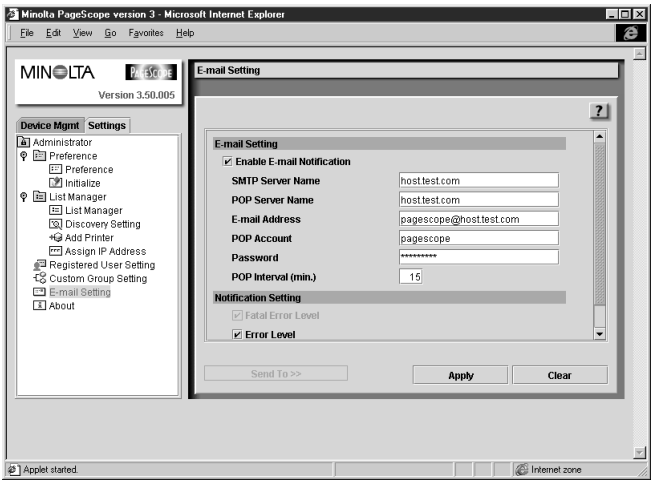
Use the **E-mail Setting** screen to configure the PageScope server so it sends e-mail messages whenever there is a device error or alert. You can specify the accounts to which the e-mail should be sent, and you can define the alert level that triggers sending of an e-mail message.

Note

- Before configuring the PageScope e-mail setup, you must first create a PageScope mail account on your mail server.

Displaying the Setup Screen

- **Log in as Administrator: Administrator → E-mail Setting**



To Configure a Mail Account and Notification Contents

1. To enable e-mail notification, put a check mark into the check box next to **Enable E-mail notification**.
2. Configure the mail account by inputting the required information in the **E-Mail Setting** section.

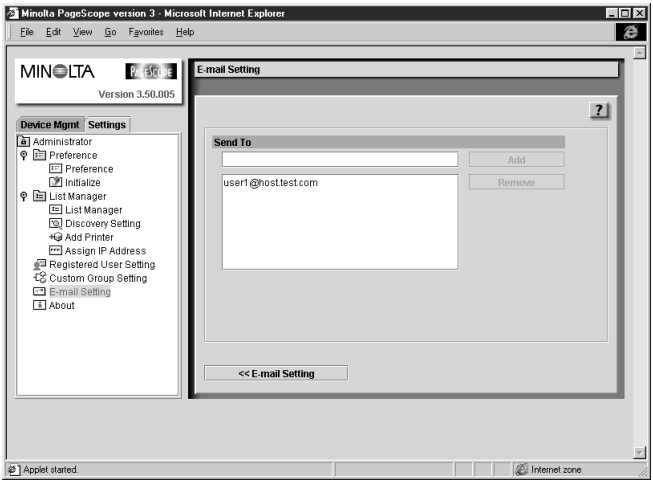
SMTP Server Name	Type in the SMTP server host name or IP address.
POP Server Name	Type in the POP server host name or IP address.
E-mail Address	Type in the PageScope server mail address.
POP Account	Type in the PageScope server POP account name.
Password	Type in the PageScope server POP account password.
POP Interval (min.)	Type in the POP server mail check interval, in minutes.

3. In the **Notification Setting** section, specify the alert level for e-mail notification.
   If you are using the Java mode, alert levels are listed in sequence with the highest priority at the top. Putting a check mark into a check box of an alert lower than the one at the top of the list automatically checks all the alerts above the one you check.
   In the case of the HTML mode, you can select a combination of alerts by clicking their option buttons.
4. If you want to register notification mail recipients here, perform the steps under *To Specify Notification Mail Recipients* below.
5. After everything is the way you want, click the **Apply** button. To clear all settings you have made on the setup screen, click the **Clear** button.

To Specify Notification Mail Recipients

Java Mode

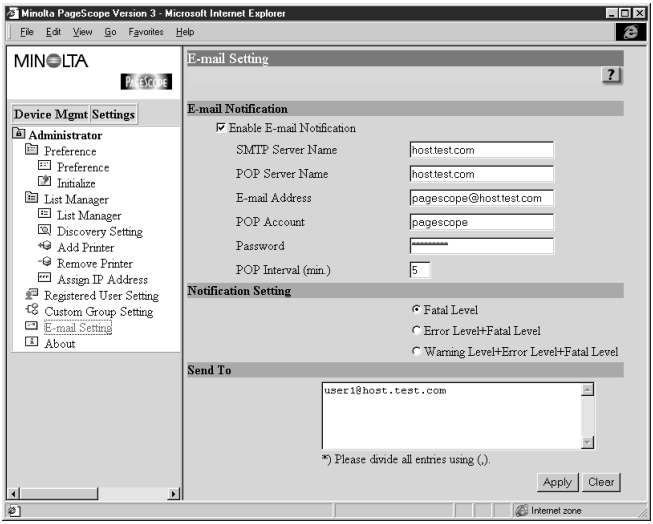
1. Click the **Send To** button to display a screen for specifying mail recipients.



2. In the **Send To** section, type the mail address of the recipient into the upper text box.
3. Click the **Add** button to add the mail address you input to the list of recipients in the lower text box.
4. To delete a mail address from the list of recipients, select the address and then click the **Remove** button.
5. Click the **E-mail Setting** button to return to the initial **E-mail Setting** screen.

HTML Mode

Type the mail address of the recipient into the text box in the **Send To** section. To input multiple addresses, separate the addresses with commas.



E-mail Notification

Mail notification is sent to the recipients in the **Send To** section list whenever an error or alert is generated on a device being managed by PageScope.

This feature can also be configured so the recipients specified here receive device information mail whenever command mail addressed to the PageScope server mail address specified on the **E-mail Setting** screen is sent.

Command Mail Syntax

To: *<PageScope server mail address>*

Subject: `get` *<option> <device IP address>*

Body Text: *<blank>*

Example: When the device IP address is 192.9.200.100

Information Obtained by Mail Command	Example Subject
Device Status	`get -s 192.9.200.100`
Device Network Configuration Information	`get -n 192.9.200.100`
Device Detailed Information	`get -d 192.9.200.100`
Managed Device List	`get -l`

Note

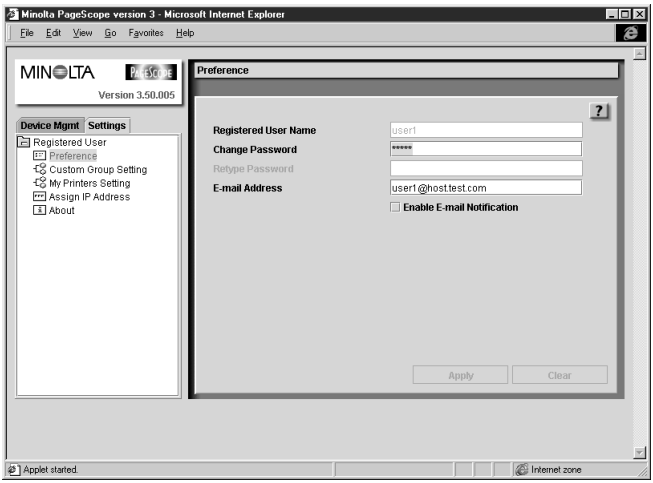
- Always send command mail from "Send To" mail addresses only. Command mail sent from any other mail address is ignored.
- Basically, e-mail notification is capable of receiving notification from all devices managed by PageScope. When **Enable E-mail Notification** is selected on **Registered User Preference** screen, however, e-mail notification can be limited to that sent from devices specified as My Printers devices only. See *5.12 Configuring My Printers Settings* for information about specifying My Printers devices, and *5.11 Configuring Registered User Settings* for more information about the **Registered User Preference** settings.

5.11 Configuring Registered User Settings

Use the Registered User's **Preference** screen to specify the password and to configure e-mail address settings for each registered user.

Displaying the Setup Screen

- **Log in as Registered User: Registered User → Preference**



To Configure Registered User Settings

1. Input data for the following items to change their settings as required.

   Registered User Name Input the user name.

   Change Password Input a new password when you want to change the existing password.

   Retype Password Re-input the password to confirm it.

   E-mail Address Input the user e-mail address.

2. To receive mail notifications from My Printers devices, put a check mark into the check box next to the **Enable E-mail notification** option. See *5.10 Configuring E-mail Settings* for more information about e-mail notification.
3. After everything is the way you want, click the **Apply** button. To clear all settings you have made on the setup screen, click the **Clear** button.

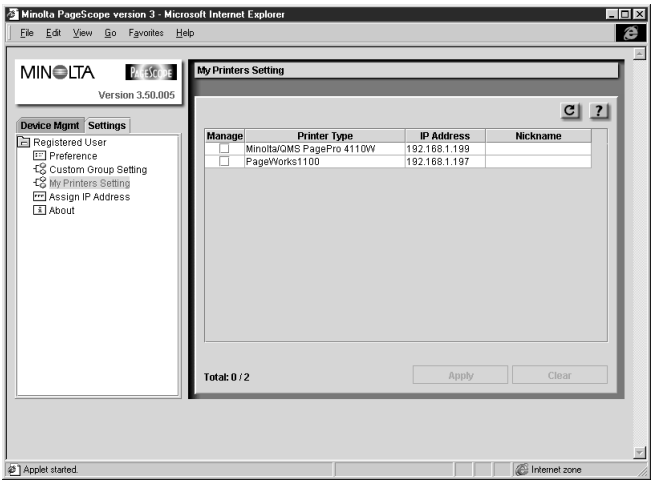
5.12 Configuring My Printers Settings

Use the **My Printers Setting** screen to assign devices for management for each registered user. The devices you specify with this screen appear in the **My Printers** view of the **Device Mgmt** tab.

Displaying the Setup Screen

- **Log in as Registered User:**

  Registered User → My Printers Setting



To Configure My Printer's Settings

1. Put check marks into the **Manage** check boxes next to the devices you want to add to My Printers.
2. After everything is the way you want, click the **Apply** button. To clear the check mark, click the **Clear** button.